‘Rewriting’ Pain Management

Addressing chronic pain amidst a national crisis of opioid abuse and misuse

JUST THE FACTS: Chronic Pain & Opioids

Chronic pain is among the most prevalent and debilitating medical conditions in the U.S.

One in three Americans suffer from chronic pain, a pain that persists for months and often years[1]

Chronic pain is the **number one cause of disability** in adults in the U.S.[2]

The annual cost of chronic pain in the U.S. is as high as **$635 billion a year,** which is more than the yearly costs for cancer, heart disease and diabetes[3]

Opioids are the most commonly prescribed class of medications and are frequently relied on for the management of chronic pain. The high risk for dependence on these drugs and their frequent misuse and abuse has resulted in a **national epidemic**.

In 2012, **259 million prescriptions** were written for opioids, which is more than enough to give every American adult their own bottle of pills[4]

115 Americans die every day from an opioid overdose, that’s more than **41,975 a year**[5]

A DRUG-FREE ALTERNATIVE: Spinal Cord Stimulation

Awareness of drug-free treatment alternatives for chronic pain management is more important than ever. Spinal cord stimulation (SCS) is a proven, non-addictive, FDA-approved therapy available to help patients manage chronic pain.

How SCS Works

1

PAIN SIGNALS

Pain signals travel along nerve fibers through the spinal cord to the brain

2

SCS IMPULSES

A small implantable pulse generator (IPG) and tiny medical leads are implanted into the body.

3

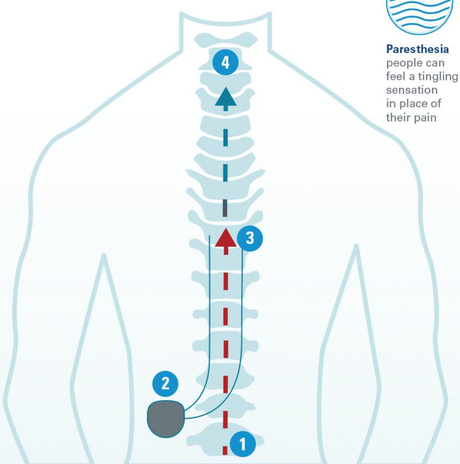
IPG & LEADS

Directed by an external remote control, electrical impulses are generated by the IPG.

4

PAIN SIGNALS INTERRUPTED

These impulses mask pain signals as they travel to the brain, so the patient doesn’t perceive them as pain.



Paresthesia people can feel a tingling sensation in place of their pain

Sub-perception* people don’t feel a tingling sensation – they just notice the pain relief

A Personalized Path to Pain Relief

The **Spectra WaveWriter™ SCS System** is a new drug-free treatment option for people with chronic pain. It’s the first and only system to simultaneously provide paresthesia-based and sub-perception* therapy.

To learn more about SCS, visit www.ControlYourPain.com

1 American Chronic Pain Association: Partners for Understanding Pain. www.theacpa.org/pain-awareness/partners-for-understanding-pain/.
2 The American Academy Of Pain Medicine: AAPM Facts and Figures on Pain. www.painmed.org/patientcenter/facts_on_pain.aspx.
3 Institute of Medicine. Relieving pain in America: a blueprint for transforming prevention, care, education and research. Washington, DC: National Academies Press, 2011.
4 Centers for Disease Control and Prevention: Vital Signs. (2014, July 01). Retrieved from https://www.cdc.gov/vitalsigns/opioid-prescribing/
5 Centers for Disease Control and Prevention: Opioid Overdose - Understanding the Epidemic. https://www.cdc.gov/drugoverdose/epidemic/index.html.

*Paresthesia-free stimulation has been demonstrated to be safe and effective in patients who have been treated successfully with conventional, paresthesia inducing stimulation for at least six months.

Boston Scientific
Advancing science for life™

Indications for Use. The Boston Scientific Spinal Cord Stimulator Systems are indicated as an aid in the management of chronic intractable pain of the trunk and/or limbs including unilateral or bilateral pain associated with the following: failed back surgery syndrome, Complex Regional Pain Syndrome (CRPS) Types I and II, intractable low back pain and leg pain. Associated conditions and etiologies may be: radicular pain syndrome, radiculopathies resulting in pain secondary to failed back syndrome or herniated disc, epidural fibrosis, degenerative disc disease (herniated disc pain refractory to conservative and surgical interventions), arachnoiditis, multiple back surgeries.

Contraindications. The Spinal Cord Stimulator systems are not for patients who are unable to operate the system, have failed trial stimulation by failing to receive effective pain relief, are poor surgical risks, or are pregnant.

Patients implanted with the Precision Montage™ MRI, Precision Spectra™, or Spectra WaveWriter™ Spinal Cord Stimulator System with ImageReady™ MRI Technology are ““MR Conditional”” only when exposed to the MRI environment under the specific conditions defined in the ImageReady MRI Full Body Guidelines for Precision Montage MRI Spinal Cord Stimulator System and ImageReady MRI Guidelines for Precision Spectra or Spectra WaveWriter Spinal Cord Stimulator System Manuals (Head Only MRI scans). The Precision Montage MRI SCS System provides safe access to Full-Body MRI Scans only when used with the Avista MRI Leads and exposed to the MRI environment under the specific conditions defined in the ImageReady MRI Full Body Guidelines for Precision Montage MRI Spinal Cord Stimulator System.

Warnings. Patients implanted with Boston Scientific Spinal Cord Stimulator Systems without ImageReady MRI Technology should not be exposed to Magnetic Resonance Imaging (MRI). Exposure to MRI may result in dislodgement of the stimulator or leads, heating of the stimulator, severe damage to the stimulator electronics and an uncomfortable or jolting sensation. As a Spinal Cord Stimulation patient, you should not have diathermy as either a treatment for a medical condition or as part of a surgical procedure. Strong electromagnetic fields, such as power generators or theft detection systems, can potentially turn the stimulator off, or cause uncomfortable jolting stimulation. The system should not be charged while sleeping. The Spinal Cord Stimulator system may interfere with the operation of implanted sensing stimulators such as pacemakers or implanted cardiac defibrillators. Advise your physician that you have a Spinal Cord Stimulator before going through with other implantable device therapies so that medical decisions can be made and appropriate safety measures taken. Patients should not operate motorized vehicles or potentially dangerous machinery with therapeutic stimulation switched “on.” Your doctor may be able to provide additional information on the Boston Scientific Spinal Cord Stimulator systems. For complete indications for use, contraindications, warnings, precautions, and side effects, call 866.360.4747 or visit ControlYourPain.com.

Caution: U.S. Federal law restricts this device to sale by or on the order of a physician.

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